#### **APPENDIX D - Cost Flowcharts**

## Requirement: Managerial Training as Part of Management Committment

Mangement Hours
2 hours

Χ

Mgmt. Labor Rate \$24.42

Total Cost \$48.84

Total Cost \$48.84

Χ

Number of Entities 2,720,000

Initial Mgmt.
Training Cost

\$132,844,800

Requirement: Initial Set Up

Managment Hours

1 hour

Χ

Mgmt. Labor Rate \$24.42

\_

Total Cost \$24.42

Total Cost \$24.42

Χ

Number of Entities 2,720,000

=

Initial Set Up Cost \$66,422,400

# Requirement: Set Up Reporting System

Management Hours 1 hour

Χ

Mgmt. Labor Rate \$24.42

Total Cost \$24.42

Total Cost \$24.42

Χ

Number of Entities 2,720,000

Initial Set Up Reporting Cost \$66,422,400

## Requirement: Reporting of MSDs

Management Hours .25 hour

Χ

Mgmt. labor Rate \$24.42 Cost per MSD

\$6.11

Employee Hours

.25 hour

Χ

Employee Labor Rate \$15.93

Cost per MSD

+

\$3.98

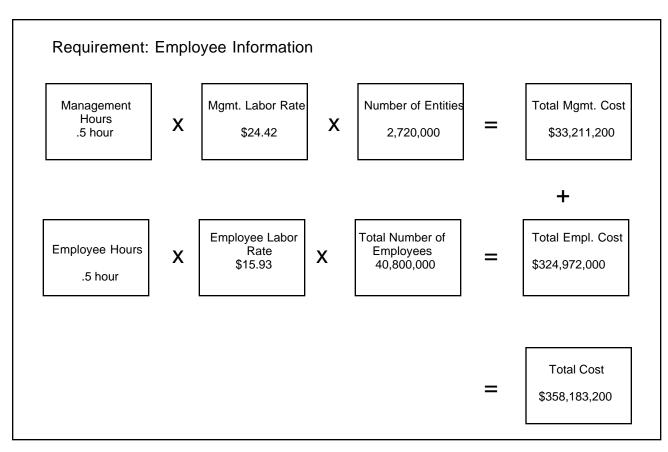
Total Cost per MSD \$10.09

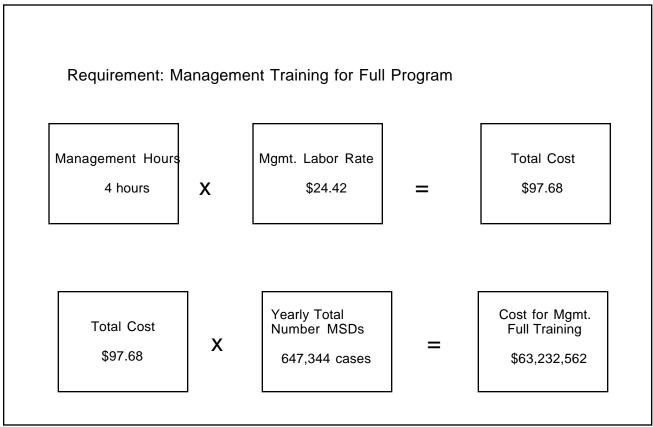
=

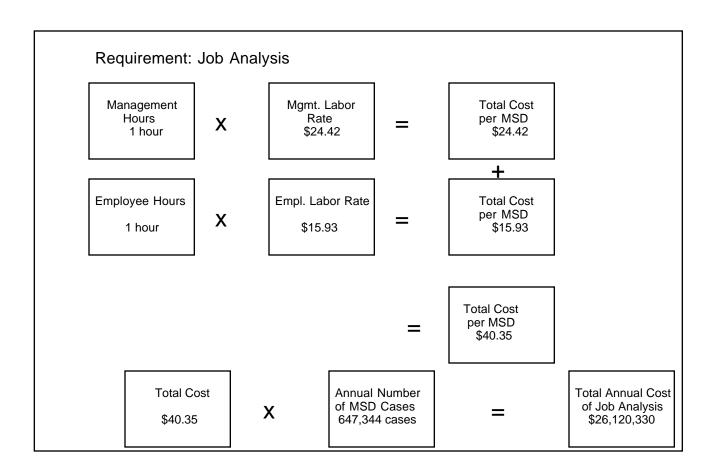
Total Cost per MSD \$10.09

Χ

Total MSDs per Year 647,344 cases Annual Reporting Cost of Reporting MSDs \$6,531,701







#### Requirement: Hazard Control Program Mgmt. Cost per MSD Management Mgmt. Labor Hours Rate X 1 hour \$24.42 \$24.42 Empl. Cost per MSD Employee Empl. Labor Rate Hours \$15.93 \$15.93 1 hour X Total Cost per MSD \$40.35 (90% of cases) **Total Cost** Ergonomics **Total Cost** per MSD per MSD \$1,040.35 (10% of cases) Consultant Fee \$40.35 \$1,000 **Total Cost** Number of MSD **Total Cost** per MSD Cases X X \$40.35 647,344 cases \$23,508,297 + **Total Cost** Number of MSD **Total Cost** per MSD Cases X \$1,040.35 647,344 cases \$67,346,433 X Total Cost for Hazard Control \$90,854,730

#### Requirement: Hazard Control - engineering & administrative control costs

Number of MSD cases per year

647,344 cases

Χ

Cost for affected (1) employee

\$800

x 3 =

Total Cost per Year

\$1,553,625,600

## Requirement: Employee Training for Full Program

Employee Time Spent

1 hour

x 3 x

Employee Rate \$15.93 Employee Cost \$15.93

+

Mgmt. Time Spent 2 hours

Χ

Mgmt. Rate

\$24.42

Mgmt. Cost \$48.84

=

Total Cost

Total Cost

\$64.77

X

Number MSDs per Year 647,344 cases

Total \$41,928,471 \$64.77

